

**TABLE 1.** Summary of the results of the regression analysis of the factors associated with the presence of *S. aureus* in the nose of patients with rhinosinusitis. The variables were selected based on the results of the univariate analysis. The values are expressed as adjusted odds ratios (OR) and their 95% confidence intervals (CI). The significance level was set at  $p < 0.05$ .

Variable	Adjusted OR	95% CI
Gender		
Male	1.0	
Female	0.76	0.28-2.00
Age		
< 18 years	1.0	
18-35 years	0.75	0.28-2.00
36-55 years	0.75	0.28-2.00
> 55 years	0.75	0.28-2.00
Etiology		
Viral	1.0	
Bacterial	0.75	0.28-2.00
Fungal	0.75	0.28-2.00
Allergic	0.75	0.28-2.00
Anatomical	0.75	0.28-2.00
Immunodeficiency	0.75	0.28-2.00
Chronic rhinosinusitis		
No	1.0	
Yes	0.75	0.28-2.00
Previous antibiotic treatment		
No	1.0	
Yes	0.75	0.28-2.00
Current antibiotic treatment		
No	1.0	
Yes	0.75	0.28-2.00
Smoking status		
Non-smoker	1.0	
Smoker	0.75	0.28-2.00
Family size		
< 3 members	1.0	
≥ 3 members	0.75	0.28-2.00
Household crowding index		
Low	1.0	
High	0.75	0.28-2.00
Occupational exposure to dust or chemicals		
No	1.0	
Yes	0.75	0.28-2.00
Travel history		
No	1.0	
Yes	0.75	0.28-2.00
Contact with healthcare workers		
No	1.0	
Yes	0.75	0.28-2.00
Contact with children in day care		
No	1.0	
Yes	0.75	0.28-2.00
Contact with pets		
No	1.0	
Yes	0.75	0.28-2.00
Use of antibiotics in the last 6 months		
No	1.0	
Yes	0.75	0.28-2.00
Use of nasal sprays		
No	1.0	
Yes	0.75	0.28-2.00
Use of contact lenses		
No	1.0	
Yes	0.75	0.28-2.00
Use of swimming pools		
No	1.0	
Yes	0.75	0.28-2.00
Use of public transportation		
No	1.0	
Yes	0.75	0.28-2.00
Use of air conditioning		
No	1.0	
Yes	0.75	0.28-2.00
Use of humidifiers		
No	1.0	
Yes	0.75	0.28-2.00
Use of dehumidifiers		
No	1.0	
Yes	0.75	0.28-2.00
Use of antihistamines		
No	1.0	
Yes	0.75	0.28-2.00
Use of corticosteroids		
No	1.0	
Yes	0.75	0.28-2.00
Use of immunosuppressants		
No	1.0	
Yes	0.75	0.28-2.00
Use of chemotherapy		
No	1.0	
Yes	0.75	0.28-2.00
Use of radiation therapy		
No	1.0	
Yes	0.75	0.28-2.00
Use of surgery		
No	1.0	
Yes	0.75	0.28-2.00
Use of dental procedures		
No	1.0	
Yes	0.75	0.28-2.00
Use of intranasal steroids		
No	1.0	
Yes	0.75	0.28-2.00
Use of topical antibiotics		
No	1.0	
Yes	0.75	0.28-2.00
Use of systemic antibiotics		
No	1.0	
Yes	0.75	0.28-2.00
Use of antifungals		
No	1.0	
Yes	0.75	0.28-2.00
Use of antivirals		
No	1.0	
Yes	0.75	0.28-2.00
Use of immunomodulators		
No	1.0	
Yes	0.75	0.28-2.00
Use of biologics		
No	1.0	
Yes	0.75	0.28-2.00
Use of herbal supplements		
No	1.0	
Yes	0.75	0.28-2.00
Use of vitamins		
No	1.0	
Yes	0.75	0.28-2.00
Use of minerals		
No	1.0	
Yes	0.75	0.28-2.00
Use of probiotics		
No	1.0	
Yes	0.75	0.28-2.00
Use of prebiotics		
No	1.0	
Yes	0.75	0.28-2.00
Use of synbiotics		
No	1.0	
Yes	0.75	0.28-2.00
Use of essential oils		
No	1.0	
Yes	0.75	0.28-2.00
Use of aromatherapy		
No	1.0	
Yes	0.75	0.28-2.00
Use of acupuncture		
No	1.0	
Yes	0.75	0.28-2.00
Use of yoga		
No	1.0	
Yes	0.75	0.28-2.00
Use of meditation		
No	1.0	
Yes	0.75	0.28-2.00
Use of tai chi		
No	1.0	
Yes	0.75	0.28-2.00
Use of qigong		
No	1.0	
Yes	0.75	0.28-2.00
Use of martial arts		
No	1.0	

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Class	Subclass	Date	Examiner
360	99.08	6-25-05	CAR
↓	98.07	↓	↓
↓	99.04	↓	↓

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